EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S822	2	"6282455".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 19:00
S821	34	S820 html	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 17:25
S820	74	(HMI with development)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 17:25
S819	2	"6615091".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 17:24
S817	38	hmi same html	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 17:23
S818	0	hmi same vrml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 17:12
S816	2	"5420977".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 17:12

S81 5	52	(horizontal same vertical same tree) industrial rotate aligned	US-PGPUB; USPAT	AND	ON	2007/04/09 16:58
S81 4	70	(horizontal same vertical same tree) industrial rotate	US-PGPUB; USPAT	AND	ON	2007/04/09 16:58
S81 3	183	(horizontal same vertical same tree) industrial	US-PGPUB; USPAT	AND	ON	2007/04/09 16:57
S81 2	2792	(horizontal same vertical same tree)	US-PGPUB; USPAT	AND	ON	2007/04/09 16:57
S80 9	1805	(horizontal adj (tree or layout or arrangement or configuration or hierarchy)) (vertical adj (tree or layout or arrangement or configuration or hierarchy))	US-PGPUB; USPAT	AND	ON	2007/04/09 16:57
S81 1	36	S809 industrial plant	US-PGPUB; USPAT	AND	ON	2007/04/09 16:55
S81 0	3	S809 HMI	US-PGPUB; USPAT	AND	ON	2007/04/09 16:55
S80 8	0	(horizontal adj (tree or layout or arrangement or configuration or hierarchy)) (vertical adj (tree or layout or arrangement or configuration or hierarchy)) VRML	US-PGPUB; USPAT	AND	ON	2007/04/09 16:54
S80 7	70	horizontal vertical hierarchy arrangement VRML	US-PGPUB; USPAT	AND	ON	2007/04/09 16:48
S80 6	14	(arora samir).inv.	US-PGPUB; USPAT	AND	ON	2007/04/09 16:47
S80 5	0	(arora samir).inv.	DERWENT	AND	ON	2007/04/09 16:45
S80 4	442	arora.inv.	DERWENT	AND	ON	2007/04/09 16:45
S80 2	1	1998-130869.NRAN.	DERWENT	AND	ON	2007/04/09 16:45
S80 3	13	("5302103" | "5736080" | "5852722" | "6137408" | "6275741" | "6393807" | "6466154").PN. OR ("6684264").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/09 16:19
S80 1	5883	345/419.ccls. 345/420.ccls. 345/421.ccls. 345/422.ccls. 345/423.ccls. 345/424.ccls. 345/425.ccls. 345/426.ccls. 345/427.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 15:55
S80 0	53	("5446837" | "5632022" | "5634062" | "5634095" | "5644736" | "5644740" | "5701137" | "5745360" | "5748186").PN. OR ("5911145"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/09 15:54

S79 9	2	"5911145".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:53
S79 8	12	((vertical$4 horizont$5) vrml (spaced with equal$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:50
S79 7	20	((vertical$4 horizont$5) same (tree or hierarch$6)) vrml.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:49
S79 6	10305	(vertical$4 horizont$5) same (tree or hierarch$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:38
S79 3	434	(types! with tree) "715".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:37
S79 5	18	vrml.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:36
S79 4	15	(types! with tree) "715".clas. vrml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:35

EAST Search History

S79 2	7004	(types! with tree)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:35
S79 1	101	(vrml with (hierarch$5 OR tree))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:35
S79 0	0	(vrml with (hierarch$5 OR tree)) HMI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:33
S78 9	62	(vrml with hierarch$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:32
S78 8	0	(vrml with hierarch$5) HMI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:32
S55 4	14	(Arora Samir).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:31
S78 7	40	tree.ti. "715".clas. horizontal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:28

EAST Search History

S78 6	165	tree.ti. "715".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:28
S78 5	3	(vertical$4 with (hierarchy or tree or (layout tree))) (horizontal$4 with (hierarchy or tree or (layout tree))) VRML	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:25
S78 4	3	(vertical$4 with (hierarchy or tree)) (horizontal$4 with (hierarchy or tree)) VRML	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:24
S78 3	34	S782 "715".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:20
S78 2	510	(vertical$4 near2 (hierarchy or tree)) (horizontal$4 near2 (hierarchy or tree))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:20
S78 1	0	(vertical$4 near2 (hierarchy or tree)) (horizontal$4 near2 (hierarchy or tree)) vrml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:16
S78 0	0	715/854.ccls. (vertical$4 near2 (hierarchy or tree)) (horizontal$4 near2 (hierarchy or tree)) vrml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:15

S77 9	2	715/854.ccls. vertical horizontal vrml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:15
S77 8	695	715/854.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:14
S77 5	175	715/853.ccls. vertical horizontal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:14
S77 7	77	715/858.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:11
S77 4	824	715/853.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:11
S77 6	2	(715/855.ccls. or 715/854.ccls. or 715/853.ccls.) vertical horizontal vrml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:09
S50 7	3	715/853.ccls. (vertical adj tree)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 15:00

S77 3	29	(vertical adj tree) (horizontal adj tree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 14:54
S76 7	11	((man or human) adj machine adj interface) industrial graphical hierarchy parent hmi scada visualization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/09 14:47
S77 2	76	yufeng.inv.	US-PGPUB; USPAT	AND	ON	2007/04/06 11:36
S77 1	74	((man or human) adj machine adj interface) industrial graphical hierarch$5 parent hmi	US-PGPUB; USPAT	AND	ON	2007/04/06 11:36
S77 0	3	(intelligent adj hmi) objects	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 11:08
S76 9	8	ihmi objects	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 11:07
S76 8	1101	(Rockwell Automation).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:51
S76 6	15	((man or human) adj machine adj interface).clm. industrial graphical hierarchy parent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:46
S76 5	1	((man or human) adj machine adj interface).clm. industrial graphical hierarchy (equal$4 adj spac$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:18

S76 4	31	((man or human) adj machine adj interface).clm. industrial graphical hierarchy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:16
S76 3	91	((man or human) adj machine adj interface).clm. industrial graphical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:15
S76 2	206	((man or human) adj machine adj interface).clm. industrial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:15
S76 1	866	((man or human) adj machine adj interface).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:15
S76 0	9	Siemens.as. HMI parent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:14
S75 9	97	Siemens.as. HMI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:00
S75 8	182337	Siemens.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:00
S75 7	2	"6853920".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 10:00

S75 6	2	"20040024657".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 09:59
S24 5	3	S243 and leaf and node zoom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 09:57
S75 4	16	("20030232176"|"4290248"|"4721589"|"5007818"|"5149193"|"5362222"|"5812394"|"6156842").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 09:56
S75 5	3	("6904387").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/06 09:54
S75 3	4	S752 overlap	US-PGPUB; USPAT	AND	ON	2007/04/05 21:13
S75 2	6	S751 drag$3	US-PGPUB; USPAT	AND	ON	2007/04/05 21:13
S75 1	11	S748 node parent	US-PGPUB; USPAT	AND	ON	2007/04/05 21:06
S75 0	34	S748 node	US-PGPUB; USPAT	AND	ON	2007/04/05 20:41
S74 9	25	S748 collection	US-PGPUB; USPAT	AND	ON	2007/04/05 20:41
S74 8	87	S747 or S746	US-PGPUB; USPAT	AND	ON	2007/04/05 20:39
S74 7	10	((Configur$3 or edit$3) ((industrial adj plant)or (Process adj Control))).ti.	US-PGPUB; USPAT	AND	ON	2007/04/05 20:39
S74 6	87	S744 or S743	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:39
S74 5	2	S744 S743	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:39

S74 3	10	((Configur$3 or edit$3) (Process adj Control)).ti.	US-PGPUB; USPAT	AND	ON	2007/04/05 20:39
S74 4	79	("3665172" | "4006464" | "4302820" | "4413314" | "4443861" | "4639852" | "4641269" | "4663704" | "4672530" | "4682158" | "4704676" | "5121318" | "5124908" | "5129087" | "5140677" | "5164894" | "5168441" | "5202961" | "5251125" | "5307346" | "5309556" | "5371895" | "5377315" | "5384910" | "5392389" | "5394522" | "5408603" | "5420977" | "5426732" | "5428734" | "5432711" | "5437007" | "5444851" | "5452201" | "5459825" | "5461710" | "5467264" | "5475856" | "5481741" | "5485620" | "5491791" | "5500934" | "5504672" | "5504902" | "5513095" | "5519605" | "5530643" | "5546301" | "5549137" | "5550980" | "5559691" | "5566320" | "5576946" | "5594858" | "5621871" | "Re33162").PN. OR ("5940294"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:38
S74 2	26828	((Configur$3 or edit$3) (Process adj Control))	US-PGPUB; USPAT	AND	ON	2007/04/05 20:34
S74 1	27	("4812996"|"4868785"|"4884228"|"5136705"|"5155836"|"5309352"|"5481741"|"5630164"|"5801942"|"5812394"|"5828851"|"5838563"|"5966532"|"5970471"|"5991537"|"5861882"|"6053951"|"6061057"|"6064816"|"6083267"|"6098028"|"6167383"|"6173438"|"6219628"|"6339763"|"6078320"|"6985876").PN.	US-PGPUB; USPAT	AND	ON	2007/04/05 20:33
S74 0	11	"715".clas. (industrial with process)(drop$3 or drag$3) position parent ((virtual adj instrument) or (virtual adj panel) or (screen adj node))	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:30
S73 9	9	"715".clas. (industrial with process)(drop$3 or drag$3) position parent ((virtual adj instrument) or (virtual adj panel))	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:25
S73 8	35	"715".clas. (industrial with process)(drop$3 or drag$3) position parent	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:22

EAST Search History

S73 7	11	S735 (drop$3 or drag$3) position	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:21
S73 6	23	S735 (drop$3 or drag$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:16
S73 5	45	("20020144282" | "20030036871" | "20030036874" | "20030036875" | "20030036876" | "20030058280" | "20030066065" | "20030163298" | "4812996" | "4868785" | "4884228" | "5136705" | "5155836" | "5481741" | "5630164" | "5752042" | "5812394" | "5845077" | "5966532" | "5970471" | "5974454" | "5991537" | "6049789" | "6053951" | "6064816" | "6074434" | "6083267" | "6098028" | "6105063" | "6167383" | "6173438" | "6219628" | "6266774" | "6269456" | "6339763" | "6367077" | "6493871" | "6535911" | "6681351" | "6701513" | "6732296" | "6751794" | "6785805").PN. OR ("6889172").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/05 20:12
S73 4	10	("2003/0036871").URPN.	USPAT	AND	ON	2007/04/05 19:51
S73 3	6	(ONLINE MEASUREMENT SYSTEM). ti.	US-PGPUB	AND	ON	2007/04/05 19:50
S73 2	1	2003-466375.NRAN.	DERWENT	AND	ON	2007/04/05 19:50
S73 1	1	2003-466375.NRAN.	DERWENT	AND	ON	2007/04/05 19:50
S73 0	3	(ONLINE CONFIGURATION MEASUREMENT SYSTEM).ti.	DERWENT	AND	ON	2007/04/05 19:49
S72 9	1	2003-456454.NRAN.	DERWENT	AND	ON	2007/04/05 19:47
S72 8	1	"20030036873".pn.	DERWENT	AND	ON	2007/04/05 19:47
S72 7	2	"US 20030036873"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/04/05 19:47
S72 6	11	S725 industrial	US-PGPUB; USPAT	AND	ON	2007/04/05 19:40

S72 5	24	(US-20030023518-$ or US-20030028269-$ or US-20030101021-$ or US-20030191608-$).did. or (US-6854111-$ or US-5432897-$ or US-7017116-$ or US-6053951-$ or US-6975914-$ or US-5870559-$ or US-6054986-$ or US-6144962-$ or US-6684264-$ or US-6549221-$ or US-5812135-$ or US-4914568-$ or US-5606654-$ or US-5838563-$ or US-6618856-$ or US-6754885-$ or US-6067093-$ or US-5493678-$ or US-6067477-$ or US-6259458-$). did.	US-PGPUB; USPAT	AND	ON	2007/04/05 19:40
S72 4	19	("5812135").URPN.	USPAT	AND	ON	2007/04/05 19:30
S72 3	3845	S722 calcula$4	US-PGPUB; USPAT	AND	ON	2007/04/05 18:19
S72 2	8903	((human adj machine adj interface) or (HMI) or (man adj machine adj interface))	US-PGPUB; USPAT	AND	ON	2007/04/05 18:18
S71 1	526	(715/965.ccls. or 715/966.ccls. or 715/967.ccls. or 715/969.ccls. or 715/970.ccls.)	US-PGPUB; USPAT	AND	ON	2007/04/05 18:18
S72 1	12886	((human adj machine adj interface) or (HMI) or (man adj machine adj interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 18:17
S72 0	3	(industrial adj plant) iconic$4 Hierarchic$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 18:14
S71 9	2	(industrial adj plant) (automated with (machine adj controller)) (hmi or mmi) Hierarchic$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 18:12

S71 8	132	(automated with (machine adj controller))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 18:04
S71 7	12	(automated adj machine adj controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 18:04
S71 3	30	S712 Hierarchic$4	US-PGPUB; USPAT	AND	ON	2007/04/05 18:04
S70 9	2839	(industrial adj plant).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 18:04
S71 6	56	"715".clas. (parent with overlap)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 17:49
S71 5	36	S712 Hierarch$6	US-PGPUB; USPAT	AND	ON	2007/04/05 17:39
S71 4	17	S713 (drag$3 or drop$3)	US-PGPUB; USPAT	AND	ON	2007/04/05 16:51
S71 2	96	S711 industrial	US-PGPUB; USPAT	AND	ON	2007/04/05 16:50
S71 0	247	(industrial adj plant).ab.	US-PGPUB; USPAT	AND	ON	2007/04/05 16:44
S41 2	4	"screen navigation editor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 16:37
S70 8	8	((updat$3) with (hierarchy or tree or link)) (drag$3 or drop$3 or "on top") (industrial adj plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 20:01

S70 7	0	((updat$3) with hierarchy) (drag$3 or drop$3 or "on top") (industrial adj plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 20:00
S70 6	64	(updat$3) hierarchy (drag$3 or drop$3 or "on top") (industrial adj plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 20:00
S70 5	2	(recursively with updat$3) hierarchy (drag$3 or drop$3 or "on top") (industrial adj plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 19:59
S70 4	2	(recursively with updat$3) hierarchy (drag$3 or drop$3 or "on top of") (industrial adj plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 19:59
S70 3	2	(recursively with updat$3) hierarchy (drag$3 or drop$3) (industrial adj plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 19:59
S70 2	6	(update with (hierarchy or tree)) (industrial plant).ab.	US-PGPUB; USPAT	AND	ON	2007/04/03 19:58
S70 1	30	(recursively same (update with (hierarchy or tree)))	US-PGPUB; USPAT	AND	ON	2007/04/03 19:58
S70 0	0	industrial (recursively same (update with (hierarchy or tree)))	US-PGPUB; USPAT	AND	ON	2007/04/03 19:54
S69 9	0	industrial (recursively same update with (hierarchy or tree))	US-PGPUB; USPAT	AND	ON	2007/04/03 19:54
S69 8	0	industrial (recursively with update with (hierarchy or tree))	US-PGPUB; USPAT	AND	ON	2007/04/03 19:54
S69 7	15	S696 (drop or drag)	US-PGPUB; USPAT	AND	ON	2007/04/03 19:54
S69 6	25	("4812996"|"4868785"|"4884228"|" 5136705"|"5155836"|"5481741"|"56 30164"|"5812394"|"5966532"|"5991 537"|"5309352"|"5801942"|"582885 1"|"5838563"|"5970471"|"6053951" |"6061057"|"6064816"|"6098028"|" 6173438"|"6219628"|"6785805"|"60 83267"|"6167383"|"6339763").PN.	US-PGPUB; USPAT	AND	ON	2007/04/03 19:48
S69 5	1	S694 drag with top	US-PGPUB; USPAT	AND	ON	2007/04/03 19:42

S69 4	22	(US-20030028269-$ or US-20030101021-$ or US-20030191608-$ or US-20030023518-$).did. or (US-6054986-$ or US-4914568-$ or US-6975914-$ or US-6854111-$ or US-6067477-$ or US-6754885-$ or US-6618856-$ or US-7017116-$ or US-6259458-$ or US-6067093-$ or US-5606654-$ or US-5432897-$ or US-6144962-$ or US-5870559-$ or US-5493678-$ or US-6549221-$ or US-6684264-$ or US-5812135-$). did.	US-PGPUB; USPAT	AND	ON	2007/04/03 19:39
S69 3	1	"6282454".pn.	US-PGPUB; USPAT	AND	ON	2007/04/03 19:36
S69 2	2	"6282454".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 19:36
S69 1	7	(vertical$5 with tree) (horizontal$5 with tree) (drag$4 drop$4) ((manufactur$3 or industrial or automation or process$3 or scada) near3 plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 19:33
S66 4	7	(vertical$5 with tree) (horizontal$5 with tree) (drag$4 drop$4) ((manufactur$3 or industrial or automation or process$3) near3 plant)	US-PGPUB; USPAT	AND	ON	2007/04/03 19:32
S69 0	10	"5911145" process with control	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 19:31
S68 9	33	"5911145" process control	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 19:31

S68 8	45	"5911145" process	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 19:30
S68 7	3	"5911145" industrial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 19:30
S68 6	51	"5911145"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 19:29
S68 5	31	(Industrial plant).ti.	US-PGPUB	AND	ON	2007/04/03 19:27
S68 4	140	(Industrial plant).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 19:22
S68 3	3	S682 drag drop	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 19:21
S68 2	62	("4399513" | "4413314" | "4644479" | "4803039" | "4872121" | "4985857" | "5202828" | "5291416" | "5311562" | "5559691" | "5602757" | "5623109" | "5631825" | "5675752" | "5719796" | "5748881" | "5822743" | "5826251" | "5838588" | "5854994" | "5859885" | "5870698" | "5877961" | "5899990" | "5905985" | "5905989" | "5918225" | "5963884" | "5995916" | "RE31750").PN. OR ("6421571").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 19:12
S68 1	2	"6421571".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 19:09
S68 0	3	("6055369" | "20010029506" | "5926180").pn.	US-PGPUB; USPAT	AND	ON	2007/04/03 19:05

EAST Search History

S67 9	3	("5546521"|"5777616"|"6347800"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 18:31
S67 8	1	"20060256084".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 18:31
S67 7	8	("5812394" | "5822206" | "6161051").PN. OR ("6477435"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 18:28
S67 6	1	"6477435".pn.	US-PGPUB; USPAT	AND	ON	2007/04/03 17:58
S65 2	10	(automated adj machine adj controller)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:58
S67 5	10	("20050004781"|"5072412"|"524743 3"|"6189019"|"6587108"|"6795798" |"6888554"|"6889096"|"6947798"|" 6966033").PN.	US-PGPUB; USPAT	AND	ON	2007/04/03 17:53
S67 4	20	("20050004781"|"5072412"|"524743 3"|"6189019"|"6587108"|"6795798" |"6888554"|"6889096"|"6947798"|" 6966033").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 17:53
S67 3	3	"6,889,096"	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 17:43
S67 2	1	"7165226".pn.	US-PGPUB; USPAT	AND	ON	2007/04/03 17:37
S65 8	1	(industrial near3 plant) (updat$3 with hierarchy)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:37
S67 1	21	industrial ((drag or drop) same (recursive$3))	US-PGPUB; USPAT	AND	ON	2007/04/03 17:33
S67 0	2	industrial ((drag drop) same (recursive$3))	US-PGPUB; USPAT	AND	ON	2007/04/03 17:33
S66 9	14	industrial plant (drag drop) (recursive$3) tree	US-PGPUB; USPAT	AND	ON	2007/04/03 17:32
S66 8	38	industrial plant (drag drop) (recursive$3)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:31
S66 7	2	industrial plant (drag adj drop) (recursively with updat$3)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:31
S66 5	10	industrial plant (drag adj drop) recursively	US-PGPUB; USPAT	AND	ON	2007/04/03 17:30
S66 6	15	"6282455"	US-PGPUB; USPAT	AND	ON	2007/04/03 17:28

EAST Search History

S64 1	6	industrial plant (parent adj node) recursively	US-PGPUB; USPAT	AND	ON	2007/04/03 17:23
S66 3	99	(vertical$5 with tree) (horizontal$5 with tree) (drag$4 drop$4)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:10
S66 2	2099	(vertical$5 with tree) (horizontal$5 with tree)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:10
S66 1	27	(vertical adj tree) (horizontal adj tree)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:09
S66 0	25	((manufactur$3 or industrial or automation or process$3) near3 plant) (updat$3 with hierarchy)	US-PGPUB; USPAT	AND	ON	2007/04/03 17:06
S65 9	15	((manufactur$3 or industrial or automation) near3 plant) (updat$3 with hierarchy)	US-PGPUB; USPAT	AND	ON	2007/04/03 16:57
S65 7	2	(715/967.ccls.) (updat$3 with hierarchy)	US-PGPUB; USPAT	AND	ON	2007/04/03 16:55
S65 6	3	(automated)(machine adj controller) (cell adj control)	US-PGPUB; USPAT	AND	ON	2007/04/03 16:54
S65 5	276	(automated)(machine adj controller) (cell control)	US-PGPUB; USPAT	AND	ON	2007/04/03 16:54
S65 4	276	(automated)(machine adj controller) cell control	US-PGPUB; USPAT	AND	ON	2007/04/03 16:53
S65 3	1192	(automated)(machine adj controller)	US-PGPUB; USPAT	AND	ON	2007/04/03 16:53
S65 1	45	(drop same (updat$3 with hierarchy))	US-PGPUB; USPAT	AND	ON	2007/04/03 16:51
S65 0	1	((715/967.ccls.)) (drop with top)	US-PGPUB; USPAT	AND	ON	2007/04/03 16:48
S64 8	8	((715/967.ccls.) OR (715/771.ccls.)) industrial (drop with top)	US-PGPUB; USPAT	AND	ON	2007/04/03 16:47
S64 7	13	(node with overlap) industrial plant	US-PGPUB; USPAT	AND	ON	2007/04/03 16:44
S64 6	36	(node with collision) industrial plant	US-PGPUB; USPAT	AND	ON	2007/04/03 16:44
S64 5	225	(node with collision) industrial	US-PGPUB; USPAT	AND	ON	2007/04/03 16:43
S64 4	2	"20040128120".pn. or "20040073404".pn.	US-PGPUB; USPAT	AND	ON	2007/04/03 16:42
S64 3	2	(industrial with plant) (automated with controller) (recursively with update)	US-PGPUB; USPAT	AND	ON	2007/04/03 14:29
S64 2	1	(10/196007).APP.	USPAT; USOCR	AND	ON	2007/04/03 14:25

S64 0	115	industrial (parent adj node) recursively (not (INDUSTRIAL adj APPLICABILITY))	US-PGPUB; USPAT	AND	ON	2007/04/03 14:24
S63 9	125	industrial (parent adj node) recursively	US-PGPUB; USPAT	AND	ON	2007/04/03 14:24
S63 8	2	((715/967.ccls.) OR (715/771.ccls.)) (parent adj node) recursively	US-PGPUB; USPAT	AND	ON	2007/04/03 14:23
S63 7	2	((715/967.ccls.) OR (715/771.ccls.)) (parent adj node) parent node recursively	US-PGPUB; USPAT	AND	ON	2007/04/03 14:23
S63 6	6	((715/967.ccls.) OR (715/771.ccls.)) (parent adj node) parent node	US-PGPUB; USPAT	AND	ON	2007/04/03 14:22
S63 5	6	((715/967.ccls.) OR (715/771.ccls.)) (parent adj node)	US-PGPUB; USPAT	AND	ON	2007/04/03 14:22
S63 3	9	((715/967.ccls.) OR (715/771.ccls.)) (parent with position)	US-PGPUB; USPAT	AND	ON	2007/04/03 14:21
S63 2	10	((715/967.ccls.) OR (715/771.ccls.)) (parent with node) hierarchy	US-PGPUB; USPAT	AND	ON	2007/04/03 14:14
S63 1	21	((715/967.ccls.) OR (715/771.ccls.)) (parent with node)	US-PGPUB; USPAT	AND	ON	2007/04/03 14:06
S62 5	5	((715/967.ccls.) OR (715/771.ccls.)) industrial (drag or drop) (parent same node)	US-PGPUB; USPAT	AND	ON	2007/04/03 13:55
S62 7	73	("4591983" | "4628435" | "4644479" | "4719586" | "4803039" | "4815014" | "4839823" | "4853175" | "4855923" | "4858102" | "4947095" | "5068080" | "5099436" | "5119318" | "5148363" | "5161110" | "5189604" | "5195029" | "5214577" | "5216612" | "5239547" | "5249260" | "5251144" | "5267141" | "5305426" | "5333240" | "5355444" | "5398304" | "5402526" | "5403447" | "5406502" | "5412756" | "5414632" | "5442562" | "5463545" | "5463567" | "5511004" | "5521844" | "5541832" | "5557549" | "5559691" | "5561610" | "5617514" | "5630025" | "5659743").PN. OR ("5905989").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/03 13:54
S62 6	1	"5905989".pn.	US-PGPUB; USPAT	AND	ON	2007/04/03 13:50
S62 4	5	((715/967.ccls.) OR (715/771.ccls.)) industrial (drag or drop) parent same node	US-PGPUB; USPAT	AND	ON	2007/04/03 13:46

EAST Search History

S62 3	11	((715/967.ccls.) OR (715/771.ccls.)) industrial (drag or drop) parent node	US-PGPUB; USPAT	AND	ON	2007/04/03 13:46
S62 2	52	((715/967.ccls.) OR (715/771.ccls.)) industrial (drag or drop)	US-PGPUB; USPAT	AND	ON	2007/04/03 13:46
S62 1	19	715/967.ccls. industrial (drag or drop)	US-PGPUB; USPAT	AND	ON	2007/04/03 13:45
S62 0	19	715/967.ccls. industrial (drag or drop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 13:45
S61 9	39	715/967.ccls. industrial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 13:44
S61 8	188	715/967.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 13:44
S61 3	5	((hmi or (human adj machine adj interface)) with edit$3) position (dragged with top)	US-PGPUB	AND	ON	2007/04/02 15:48
S61 2	28	((hmi or (human adj machine adj interface)) with edit$3) position	US-PGPUB	AND	ON	2007/04/02 15:47
S61 1	22	(hmi with editor) position	US-PGPUB	AND	ON	2007/04/02 15:46
S61 0	25	(hmi with editor)	US-PGPUB	AND	ON	2007/04/02 15:44
S60 9	10	(hmi with editor) "715".clas.	US-PGPUB	AND	ON	2007/04/02 15:43
S60 8	3	(process editor).ti.	US-PGPUB	AND	ON	2007/04/02 15:41
S60 5	0	(industrial adj process).clm. GUI editor.ti.	US-PGPUB	AND	ON	2007/04/02 15:40
S60 4	15	(industrial adj process).clm. GUI	US-PGPUB	AND	ON	2007/04/02 15:40
S60 3	381	(industrial adj process).clm.	US-PGPUB	AND	ON	2007/04/02 15:40

EAST Search History

S60 2	416	(industrial near process).clm.	US-PGPUB	AND	ON	2007/04/02 15:40
S60 1	1746	(industrial process).clm.	US-PGPUB	AND	ON	2007/04/02 15:40
S60 0	174	(industrial process).ti.	US-PGPUB	AND	ON	2007/04/02 15:39
S59 6	915	hmi process	US-PGPUB	AND	ON	2007/04/02 15:37
S59 5	41	(process with visualization) (drag with drop) editor	US-PGPUB; USPAT	AND	ON	2007/04/02 15:20
S58 7	0	(process wtih visualization) (drag with drop)	US-PGPUB; USPAT	AND	ON	2007/04/02 15:20
S59 4	51568	process visualization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/02 15:19
S32 0	23	hierarch$9 specification and (HMI or (human-machine adj interface) or (human adj machine adj interface)) WITH link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/02 15:19
S59 3	1	2004-315841.NRAN.	DERWENT	AND	ON	2007/04/02 13:13
S59 2	1	2004-315841.NRAN.	DERWENT	AND	ON	2007/04/02 13:13
S59 1	3	(process with visualization) (Supervisory adj Control adj system) (drag with drop) hierarchy	US-PGPUB; USPAT	AND	ON	2007/04/02 13:11
S59 0	84	(process with visualization) (drag with drop) hierarchy	US-PGPUB; USPAT	AND	ON	2007/04/02 13:10
S58 9	144	(process with visualization) (drag with drop)	US-PGPUB; USPAT	AND	ON	2007/04/02 12:40
S58 8	144	(process wit\h visualization) (drag with drop)	US-PGPUB; USPAT	AND	ON	2007/04/02 12:40
S58 6	3	(HMI adj screens) (drag with drop)	US-PGPUB; USPAT	AND	ON	2007/04/02 12:39
S58 5	28	(HMI adj screens) parent	US-PGPUB; USPAT	AND	ON	2007/04/02 12:38
S58 4	63	HMI adj screens	US-PGPUB; USPAT	AND	ON	2007/04/02 11:30
S58 3	6	HMI adj user adj screens	US-PGPUB; USPAT	AND	ON	2007/04/02 11:25

S58 2	0	S577 (parent with adjusting) recursivlyu	US-PGPUB; USPAT	AND	ON	2007/04/02 11:02
S58 1	5	S577 (parent with position)	US-PGPUB; USPAT	AND	ON	2007/04/02 11:00
S58 0	5	S577 (parent same position)	US-PGPUB; USPAT	AND	ON	2007/04/02 10:59
S57 9	5	S577 parent position	US-PGPUB; USPAT	AND	ON	2007/04/02 10:59
S57 8	5	S577 position	US-PGPUB; USPAT	AND	ON	2007/04/02 10:59
S57 7	5	(Industrial plant).ti. vertical horizontal GUI	US-PGPUB; USPAT	AND	ON	2007/04/02 10:59
S57 6	30	(Industrial plant).ti. vertical horizontal	US-PGPUB; USPAT	AND	ON	2007/04/02 10:54
S57 5	9	(Industrial adj plant).ti. vertical horizontal	US-PGPUB; USPAT	AND	ON	2007/04/02 10:53
S57 4	48	(Industrial adj plant).ti.	US-PGPUB; USPAT	AND	ON	2007/04/02 10:52
S57 3	223	(Industrial adj plant).clm.	US-PGPUB; USPAT	AND	ON	2007/04/02 10:52
S57 2	151	(Industrial adj plant).clm.	USPAT	AND	ON	2007/04/02 10:52
S57 1	522	(Industrial plant).clm.	USPAT	AND	ON	2007/04/02 10:52
S57 0	549	(Industrial plant).ab.	USPAT	AND	ON	2007/04/02 10:52
S56 9	98	(Industrial plant).ti.	USPAT	AND	ON	2007/04/02 10:52
S55 6	4	("5911145"|"6237006"|"6282454"|"6421571").PN.	USPAT	AND	ON	2007/04/02 10:51
S56 8	2	hierarchi$5 node tree HMI (drag near3 drop) (parent with (updat$3 or refresh or recreate or restore or regenerate or correct))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/02 09:23
S56 7	2	"5911145".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 23:54

S56 6	18	("4524421" | "4613946" | "4710763" | "4841292" | "5333254" | "5557714" | "5592599" | "5619632" | "5774669" | "5786820" | "5877775").PN. OR ("6259458"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 23:48
S56 5	2	S561 (relocat$3 near3 node)	US-PGPUB; USPAT; JPO	AND	ON	2006/12/20 23:46
S56 4	7	S561 (position near3 node)	US-PGPUB; USPAT; JPO	AND	ON	2006/12/20 23:46
S56 3	20	S561 position	US-PGPUB; USPAT; JPO	AND	ON	2006/12/20 23:41
S56 2	127	S508 position	US-PGPUB; USPAT; JPO	AND	ON	2006/12/20 23:39
S56 1	24	(US-20020120921-$ or US-20030191608-$).did. or (US-4914568-$ or US-5432897-$ or US-5606654-$ or US-5870559-$ or US-5911145-$ or US-6054986-$ or US-6067477-$ or US-6144962-$ or US-6259458-$ or US-6549221-$ or US-6618856-$ or US-6684264-$ or US-6754885-$ or US-6889096-$ or US-6975914-$ or US-7017116-$ or US-5386459-$ or US-6862105-$ or US-6067093-$ or US-5493678-$ or US-5812135-$).did. or (JP-05307476-$).did.	US-PGPUB; USPAT; JPO	AND	ON	2006/12/20 23:39
S49 4	2	"5911145".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 22:52
S55 1	142	(tree adj structure) near3 (editor or editing)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 22:20
S55 3	9	(NetObjects).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 22:11

EAST Search History

S55 2	24	(tree adj structure) near3 (editor or editing) (drag$3 with drop$3)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:44
S55 0	183	((tree adj structure) near3 edit$3)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:36
S54 4	45	(tree near3 structure near3 editor)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:35
S54 9	154	(become near3 new near2 (parent or root)) (tree or hierarch$4)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:33
S54 8	89	(become near3 new near3 parent) (tree or hierarch$4)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:32
S54 7	80	(become near3 new near3 parent) (tree or hierarchy)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:32
S54 6	137	(become near3 new near3 parent)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:26
S54 5	37	("4075689" | "4318184" | "4447875" | "4468728" | "4611298" | "4613946" | "4656603" | "4677550" | "4710763" | "4763277" | "4764867" | "4813010" | "4817036" | "4831525" | "4860204" | "4866635" | "4868743").PN. OR ("5493678").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:22
S54 3	27	(tree or hierarchy) (relocate near3 node)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:15
S54 2	9	(dynamic near3 (tree or hierarchy)) with edit$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:03
S54 1	409	(dynamic near3 (tree or hierarchy)) edit$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:01
S54 0	192	(dynamic near3 (tree or hierarchy)) editor	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:01
S53 9	347	(dynamic near3 (tree or hierarchy)) visual	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:01
S53 8	71	(visual adj tree)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 21:00

S53 7	55	("4606002" | "4611272" | "4945475" | "5058144" | "5202986" | "5230047" | "5257365" | "5293616" | "5295261" | "5333317" | "5377281" | "5392363" | "5404510" | "5418947" | "5487166" | "5488717" | "5495609" | "5497485" | "5528701" | "5530957" | "5534861" | "5551027" | "5557786" | "5560007" | "5644763" | "5649023" | "5651099" | "5664172" | "5694591" | "5701467" | "5717921" | "5737732" | "5752243" | "5761652" | "5765168" | "5768423" | "5781772" | "5787430" | "5799184" | "5799299" | "5809296" | "5832182" | "5842196" | "5848416" | "5873087" | "5884297" | "5963956" | "5970170" | "6014659" | "6041053" | "6153591" | "6175835" | "6208993" | "6240418").PN. OR ("6675173"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 20:56
S53 6	28	(vertical adj tree) (horizontal adj tree)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:53
S53 5	144	(vertical adj tree)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:53
S53 4	15	715/853.ccls. (layout with automatic$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:53
S53 3	6	715/853.ccls. (layout with automatic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:50

EAST Search History

S53 1	211	715/853.ccls. layout	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:50
S53 2	142	S531 automatic$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:49
S53 0	15	715/853.ccls. (adjusting with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:49
S52 9	34	715/853.ccls. ((Collision or overlap$3 or intersec$4) with object)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:39
S52 8	33	715/853.ccls. ((Collision or overlap$3 or intersec$4) with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:36
S52 7	1	715/853.ccls. (Collision with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:30
S52 6	10	715/853.ccls. Collision	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:30

EAST Search History

S51 6	47	715/853.ccls. (node near3 automatic$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:28
S52 5	125	(shift with (parent or root or node) with right) tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:04
S52 4	363	(shift with (parent or root or node) with right)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 20:04
S52 3	103	(Tree adj View adj Control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:23
S52 2	70	(drop adj node) editor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:16
S52 1	1257	drop adj node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:13
S52 0	55	(node with automatic$4 with ((intersection or overlap or collide or collision or intersection)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:13

S51 9	5	715/853.ccls. (node with automatic$4 with drop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:12
S51 4	24	715/853.ccls. ((intersection OR overlap or collide or collision or intersection or junction or overlap or overlie) with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:12
S51 8	2	715/853.ccls. (node near3 automatic$4) with drop	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:11
S51 7	0	715/853.ccls. (node near3 automatic$4) with insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:10
S51 5	2	"5911145".pn. automatic$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:07
S51 3	32	715/853.ccls. ((intersection OR overlap or collide or collision or intersection or junction or overlap or covering or overlie) with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:06
S51 2	35	715/853.ccls. ((intersection OR overlap or collide or collision or intersection or junction or overlap or cover or overlie) with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 19:05

EAST Search History

S51 1	75	715/853.ccls. (node near3 position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:52
S51 0	14	715/853.ccls. (adjust near3 position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:48
S50 9	89	715/853.ccls. ((node or root or parent) near3 position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:45
S50 8	127	715/853.ccls. ((node or root or parent) with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:44
S50 6	112	715/853.ccls. shift	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:43
S50 5	13	715/853.ccls. (reorder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:42
S50 4	42	715/853.ccls. (updat$3 near3 (parent or node or root))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:41

S50 3	307	715/853.ccls. (updat$3 (parent or node or root))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:34
S50 2	794	715/853.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:34
S46 8	38	345/440.ccls. 715/853.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 18:34
S50 1	32	(hierarchic$5 tree) (re adj position) node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 17:59
S50 0	53	(hierarchic$5 tree) (re adj position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 17:58
S49 9	10887	(hierarchic$5 tree) (editor or editing or modifying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 17:58
S49 8	2	((hierarchical or tree)) (((parent or root or top) with node) with (drag adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 17:45

S49 7	2	"7035898".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 17:38
S49 6	222	detect$4 same (collision with between with nodes)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 17:38
S49 5	504	detect$4 (collision with between with nodes)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 17:38
S49 3	152	((hierarchical or tree)) (((parent or root or top) with node) near5 ((drag$3 or drop$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 16:13
S49 2	2	((hierarchical or tree)) (((parent or root or top) with node) near5 ((drag$3 adj over) or (drop adj over)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 16:13
S49 1	207	((hierarchical or tree)) (((parent or root or top) with node) with ((drag$3 adj over) or drop))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 16:11
S48 9	3	(edit$3 with (hierarchical or tree) near3 display) (((parent or root) with node) with ((intersect$3 or overlap$3 or collide or collision) with node))	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 16:06

S48 8	54	(edit$3 with (hierarchical or tree) near3 display) (((parent or root) with node) same (updat$3 or position$3 or locat$3 or place$4 or new or becom$3))	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 16:02
S48 7	8	(edit$3 with hierarchical near3 display) (((parent or root) with node) same (updat$3 or position$3 or locat$3 or place$4 or new or becom$3))	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 16:01
S48 6	6	(edit$3 with hierarchical near3 display) (((parent or root or (top adj level) or (top adj most) or father or mother) near3 node) same (updat$3 or position$3 or locat$3 or place$4 or new or becom$3))	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 16:00
S48 5	31	(hierarchical near3 display) (((parent or root or (top adj level) or (top adj most) or father or mother) near3 node) same (updat$3 or position$3 or locat$3 or place$4 or new or becom$3)) ((intersect$3 or overlap$3 or collide or collision) with node)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 15:59
S48 4	67	(hierarchical display).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 15:56
S48 3	101	S477 S481	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 15:55

| S47 7 | 1121 | ("20010029506" \| "20010045965" \| "20010056429" \| "20020015034" \| "20020026461" \| "20020032768" \| "20020054166" \| "20020057297" \| "20020089541" \| "20020089550" \| "20020109680" \| "20020130907" \| "20020140700" \| "20020152150" \| "20020154171" \| "20020154175" \| "20020163517" \| "20020174147" \| "20030004995" \| "20030020762" \| "20030065608" \| "20030069834" \| "20030095156" \| "20030097325" \| "20030106057" \| "20030112280" \| "20030115023" \| "20030117432" \| "20030120659" \| "20030126068" \| "20030126601" \| "20030137541" \| "20030144996" \| "20030158897" \| "20030160832" \| "20030197736" \| "20030197737" \| "20030197740" \| "20030210284" \| "20030227458" \| "20040034591" \| "20040193524" \| "20050075965" \| "3522597" \| "3688099" \| "3757037" \| "3930233" \| "4064394" \| "4085443" \| "4167821" \| "4227245" \| "4315315" \| "4317956" \| "4323891" \| "4366475" \| "4392130" \| "4418345" \| "4451900" \| "4455619" \| "4464543" \| "4514800" \| "4514801" \| "4524421" \| "4527249" \| "4528643" \| "4542452" \| "4546349" \| "4546435" \| "4555772" \| "4570217" \| "4613946" \| "4622013" \| "4633436" \| "4641274" \| "4648028" \| "4648062" \| "4648064" \| "4656603" \| "4663704" \| "4674040" \| "4677587" \| "4695968" \| "4696003" \| "4710763" \| "4713748" \| "4725970" \| "4729105" \| "4736320" \| "4739477" \| "4742467" \| "4744084" \| "4752889" \| "4763356" \| "4769817" \| "4772882" \| "4813013" \| "4815029" \| "4821211" \| "4831580" \| "4841441" \| "4849880" \| "4868743" \| "4872167" \| "4901221" \| "4910663" \| "4914568" \| "4922432" \| "4931783" \| "4933880" \| "4949270").PN. OR ("4953080" \| "4953106" \| "4956773" \| "4962475" \| "4974174" \| "5065347" \| "5072412" \| "5088052" \| "5103498" \| "5122972" \| "5136690" \| "5150457" \| "5155806" \| "5168554" \| "5175812" \| "5179643" \| "5179654" \| "5182705" \| "5187786" \| "5191645" \| "5193182" \| "5195183" \| "5204947" \| "5206951" \| "5226118" \| "5226161" \| | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/20 15:54 |

S48 1	327	("20030050915" | "3816726" | "4524421" | "4528643" | "4613946" | "4698752" | "4710763" | "4719571" | "4807158" | "4833592" | "4841292" | "4868771" | "4928247" | "4994989" | "5043920" | "5072395" | "5150457" | "5164904" | "5201047" | "5226120" | "5228119" | "5247517" | "5247666" | "5251131" | "5253333" | "5276789" | "5282262" | "5295243" | "5295244" | "5297241" | "5303388" | "5307456" | "5325445" | "5333254" | "5337404" | "5339390" | "5379422" | "5386394" | "5394522" | "5412772" | "5418946" | "5420968" | "5426780" | "5428744" | "5459829" | "5463773" | "5467444" | "5479597" | "5504863" | "5515486" | "5515488" | "5519865" | "5526478" | "5528735" | "5546529" | "5553163" | "5555354" | "5557714" | "5559942" | "5572640" | "5592599" | "5604821" | "5619632" | "5623590" | "5634087" | "5644740" | "5659731" | "5671333" | "5671381" | "5675711" | "5675785" | "5675786" | "5678015" | "5680476" | "5684967" | "5694524" | "5696964" | "5706495" | "5715432" | "5724573" | "5727199" | "5732230" | "5737487" | "5748852" | "5751965" | "5761664" | "5761667" | "5774669" | "5786820" | "5787274" | "5802383" | "5821937" | "5861891" | "5870768" | "5877775" | "5958008" | "5966128" | "6055539" | "6067093" | "B14555775").PN. OR ("5450535" | "5590250" | "5877766" | "6067093" | "6111578" | "6137493" | "6137499" | "6219053" | "6259451" | "6259458" | "6922692").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 15:53
S48 2	7	S481 (((parent or root or (top adj level) or (top adj most) or father or mother) near3 node) with (updat$3 or position$3 or locat$3 or place$4 or new or becom$3)) ((intersect$3 or overlap$3 or collide or collision) with node)	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 15:51

S48 0	11	S477 (((parent or root or (top adj level) or (top adj most) or father or mother) near3 node) with (updat$3 or position$3 or locat$3 or place$4 or new or becom$3)) ((intersect$3 or overlap$3 or collide or collision) with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 15:45
S47 9	26	S477 (((parent or root or (top adj level) or (top adj most) or father or mother) near3 node) with (updat$3 or position$3 or locat$3 or place$4 or new or becom$3)) (intersect$3 or overlap$3 or collide or collision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 15:44
S47 8	125	S477 (((parent or root or (top adj level) or (top adj most) or father or mother) near3 node) with (updat$3 or position$3 or locat$3 or place$4 or new or becom$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 15:43
S47 6	33	S474 (((parent or root or (top adj level) or (top adj most) or father or mother) near3 node) with (updat$3 or position$3 or locat$3 or place$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 15:32
S47 5	100	S474 (parent or root or (top adj level) or (top adj most) or father or mother) near3 node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 15:30
S47 2	11	(updat$3 near3 parent) node tree leaf spacing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/20 15:28

| S47 4 | 1007 | ("20010034659" \| "20020022900" \| "20030004874" \| "20030176940" \| "20030177046" \| "20030181991" \| "20040046997" \| "3665172" \| "3810119" \| "3825905" \| "4006464" \| "4064394" \| "4096566" \| "4141066" \| "4276593" \| "4302820" \| "4312068" \| "4315315" \| "4323966" \| "4347563" \| "4399513" \| "4410942" \| "4413314" \| "4423486" \| "4428044" \| "4435762" \| "4443861" \| "4455619" \| "4456997" \| "4466098" \| "4471457" \| "4488226" \| "4493027" \| "4524421" \| "4546435" \| "4570217" \| "4609995" \| "4613946" \| "4615001" \| "4628437" \| "4635183" \| "4639852" \| "4641269" \| "4641276" \| "4644478" \| "4644479" \| "4648064" \| "4649479" \| "4656603" \| "4658372" \| "4663704" \| "4672530" \| "4675812" \| "4677587" \| "4682158" \| "4682304" \| "4683530" \| "4692859" \| "4692918" \| "4695968" \| "4703421" \| "4704676" \| "4709325" \| "4710763" \| "4719593" \| "4727477" \| "4733366" \| "4742349" \| "4750109" \| "4754127" \| "4785408" \| "4790762" \| "4803039" \| "4805107" \| "4813013" \| "4816996" \| "4817094" \| "4841292" \| "4872106" \| "4872121" \| "4891766" \| "4897777" \| "4897866" \| "4910658" \| "4910691" \| "4918690" \| "4958277" \| "4959774" \| "4965717" \| "4965742" \| "4965880" \| "4985857" \| "4991076" \| "4991170" \| "5008805" \| "5021889" \| "5042002" \| "5050165" \| "5051736" \| "5060980" \| "5068778" \| "5093794" \| "5121318" \| "5122948" \| "5124908" \| "5129087" \| "5131092" \| "5134574" \| "5136704" \| "5138708" \| "5140677" \| "5146589" \| "5151978" \| "5151981" \| "5159673" \| "5162986" \| "5163055" \| "5164894" \| "5166685" \| "5167011" \| "5168276" \| "5168441").PN. OR ("5168554" \| "5175829" \| "5193175" \| "5202828" \| "5202961" \| "5212784" \| "5228123" \| "5233615" \| "5241588" \| "5245704" \| "5247651" \| "5251125" \| "5255367" \| "5258999" \| "5262761" \| "5271013" \| "5280547" \| "5283729" \| "5289365" \| "5291416" \| "5294792" \| "5295258" \| "5295261" \| "5297143" | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/20 15:27 |

S47 3	22	(US-20030191608-$ or US-20020120921-$).did. or (US-6259458-$ or US-6054986-$ or US-5606654-$ or US-5432897-$ or US-5386459-$ or US-6067477-$ or US-6975914-$ or US-6889096-$ or US-6754885-$ or US-6618856-$ or US-7017116-$ or US-4914568-$ or US-5301301-$ or US-6862105-$ or US-6144962-$ or US-5911145-$ or US-5870559-$ or US-6549221-$ or US-6684264-$).did. or (JP-05307476-$).did.	US-PGPUB; USPAT; JPO	AND	ON	2006/12/20 15:25
S47 1	1	(updating adj parent) node tree leaf spacing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 22:10
S46 9	2	(update adj parent) node tree leaf spacing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 22:10
S47 0	10	(update adj parent) node tree leaf distance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 22:09
S46 7	4	345/440.ccls. 715/514.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:46
S46 6	38	345/440.ccls. 715/853.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:42

EAST Search History

S46 5	1	345/440.ccls. 715/514.ccls. 715/764.ccls. 715/853.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:41
S46 4	1	1990-101229.NRAN.	DERWENT	AND	ON	2006/12/19 21:37
S46 3	94	(edit$3 tree).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:35
S46 2	65	(editing tree).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:22
S46 1	1152	345/440.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:21
S46 0	39	edit$3 (position or location or layout or collection or arrangement) tree horizontal vertical ((spacing or distanced or distancing) same node)aligned node equally	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:19
S45 9	342	edit$3 (position or location or layout or collection or arrangement) tree horizontal vertical (spacing or distanced or distancing) aligned node equally	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:16
S45 8	211	edit$3 parent (position or location or layout or collection or arrangement) tree horizontal vertical (spacing or distanced or distancing) aligned node equally	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:15

S45 6	211	edit$3 parent (position or location or layout or collection or arrangement) tree horizontal vertical (spacing or distanced or distancing) aligned node equally	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:13
S45 7	210	edit$3 parent (position or location or layout or collection or arrangement) tree horizontal vertical (spacing or distanced or distancing) aligned node equally parent (child or leaf)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:12
S45 5	278	edit$3 parent (position or location or layout or collection or arrangement) tree horizontal vertical (spacing or distanced or distancing) aligned node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:12
S45 4	31	tree (node adj editor) ((layout or position$3 or (re adj position) or (re adj positioning) or arrang$3 or dispos$3 or emplacement or plac$3 or fix$3 or locat$3 or situat$3 (re adj distrib$5) or (re adj locate) or (re adj locating) or order$3 or (re adj order) or (re adj ordering) placement or setting or (re adj setting) or adjust$4 or updat$3 or distribut$3) with parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:10
S45 3	7	tree (node adj editor) layout	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:08
S45 2	66	tree (node adj editor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:06

EAST Search History

S45 1	11	hierarchi$5 tree (drag near3 drop) ((automatic$4 or recursiv$2 or spontaneous$2 or automated or reflexivly or impulsivly or voluntarly) with (position$3 or (re adj position) or (re adj positioning) or arrang$3 or dispos$3 or emplacement or plac$3 or fix$3 or locat$3 or situat$3 (re adj distrib$5) or (re adj locate) or (re adj locating) or order$3 or (re adj order) or (re adj ordering) placement or setting or (re adj setting) or adjust$4 or updat$3 or distribut$3) with parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:06
S45 0	11	hierarchi$5 tree (drag near3 drop) ((automatic$4 or recursiv$2 or spontaneous$2 or automated or reflexivly or impulsivly or voluntarly) with (position$3 or (re adj position) or (re adj positioning) or arrang$3 or dispos$3 or emplacement or plac$3 or fix$3 or locat$3 or situat$3 (re adj distrib$5) or (re adj locate) or (re adj locating) or order$3 or (re adj order) or (re adj ordering) placement or setting or (re adj setting) or adjust$4 or updat$3) with parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:04
S44 9	11	hierarchi$5 tree (drag near3 drop) ((automatic$4 or recursiv$2 or spontaneous$2 or automated or reflexivly or impulsivly or voluntarly) with (position$3 or (re adj position) or (re adj positioning) or arrang$3 or dispos$3 or emplacement or plac$3 or fix$3 or locat$3 or (re adj locate) or (re adj locating) or order$3 or (re adj order) or (re adj ordering) placement or setting or (re adj setting) or adjust$4 or updat$3) with parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 21:03
S44 8	2	hierarchi$5 tree (drag near3 drop) (automatic$4 with (position$3 or (re adj position) or (re adj positioning) or arrang$3 or dispos$3 or emplacement or plac$3 or fix$3 or locat$3 or (re adj locate) or (re adj locating) or order$3 or (re adj order) or (re adj ordering) placement or setting or (re adj setting)) with parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 20:56

EAST Search History

S44 7		1	hierarchi$5 tree (drag near3 drop) (automatic$4 with ($3position$3) with parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 20:48
S44 6		1	hierarchi$5 tree (drag near3 drop) (automatic$4 with position with parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 20:26
S44 3		8	hierarchi$5 tree (drag near3 drop) (automatic$4 with parent) ((collide or collision or intersection) with (node or parent or child or leaf))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 20:24
S44 5		14	hierarchi$5 tree (drag near3 drop) (automatic$4 with (node or parent or child or leaf)) ((collide or collision or intersection) near4 (node or parent or child or leaf))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 20:19
S44 4		14	hierarchi$5 tree (drag near3 drop) (automatic$4 with (node or parent or child or leaf)) ((collide or collision or intersection) with (node or parent or child or leaf))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 20:04
S44 2		17	hierarchi$5 tree (drag near3 drop) (automatic$4 with parent) (collide or collision or intersection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:58
S44 0		25	hierarchi$5 tree (drag near3 drop) (node with (placement or arrangment or layout)) (collide or collision or intersection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:57

S44 1	5	hierarchi$5 tree (drag near3 drop) (node with (placement or arrangment or layout)) ((collide or collision or intersection) with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:54
S43 8	69	hierarchi$5 tree (drag near3 drop) (node with (placement or arrangment or layout))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:53
S43 9	512	hierarchi$5 tree (automatic$4 with parent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:50
S43 4	0	hierarchi$5 tree HMI (drag near3 drop) near3 (over or "on" or "top of")(node with (updat$3 or refresh$3 or recreat$3 or restor$3 or regenerat$3 or correct$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:37
S43 3	5	hierarchi$5 tree HMI (drag near3 drop) (node with (updat$3 or refresh$3 or recreat$3 or restor$3 or regenerat$3 or correct$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:37
S43 2	5	hierarchi$5 tree HMI (drag near3 drop) (node with (updat$3 or refresh or recreate or restore or regenerate or correct))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:33
S43 0	2	hierarchi$5 node tree HMI editor (drag near3 drop) (parent with (updat$3 or refresh or recreate or restore or regenerate or correct))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:32

S42 5	22	Human machine interface screen navigat$3 config$5 design$3 collection link$3 hierarchical$2 organiz$2 screen node HMI editor ((intersect$3 or overlap$3 or collide or collision) or (drag near3 drop))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:31
S42 9	2	hierarchical$2 node tree HMI editor (drag near3 drop) (parent with updat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:24
S42 8	7	hierarchical$2 node tree HMI editor (drag near3 drop) (parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:23
S42 7	10	hierarchical$2 node tree HMI editor (drag near3 drop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:19
S42 6	4	Human machine interface screen navigat$3 config$5 design$3 collection link$3 hierarchical$2 organiz$2 screen node HMI editor (drag near3 drop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:15
S42 4	29	Human machine interface screen navigat$3 config$5 design$3 collection link$3 hierarchical$2 organiz$2 screen node HMI editor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:12
S42 1	16	Human machine interface screen naviga$4 config$5 designing collection linked hierarchically organized screen nodes HMI editor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:10
S41 3	1	2004-315841.NRAN.	DERWENT	AND	ON	2006/12/19 19:07

S41 1	10	(updat$3 with hierarchy) (node with spacing) parent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 19:04
S41 0	10	(updat$3 with hierarchy) (node with spacing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:51
S40 6	7	(715/964.ccls. or 715/965.ccls. or 715/966.ccls. or 715/967.ccls. or 715/969.ccls. or 715/970.ccls.) AND ((intersect$3 or overlap$3 or collide or collision) with node) AND (intersect$3 or overlap$3 or collide or collision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:49
S40 3	3	(715/964.ccls. or 715/965.ccls. 715/966.ccls. 715/967.ccls. 715/969.ccls. 715/970.ccls.) (parent adj node) (intersect$3 or overlap$3 or collide or collision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:41
S40 2	2	S398 (parent adj node) (intersect$3 or overlap$3 or collide or collision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:40
S40 1	5	S398 parent adj node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:29
S40 0	28	S398 node parent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:27

S39 9	69	S398 node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:27
S39 8	183	715/967.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:26
S39 6	3	tree (node with visibility) (("HMI") or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:25
S39 7	105	715/965.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 18:24
S39 5	7	S391 ((intersect$3 or overlap$3 or collide or collision) with (parent or child or node)) tree visibility	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:57
S39 4	41	S391 ((intersect$3 or overlap$3 or collide or collision) with (parent or child or node)) tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:56
S39 3	92	S391 ((intersect$3 or overlap$3 or collide or collision) with (parent or child or node))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:56

EAST Search History

S39 2	38	S391 ((intersect$3 or overlap$3 or collide or collision) same parent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:54
S39 1	19484	(("HMI") or (Human adj Machine adj Interface) or (Supervisory adj Control)) or S383	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:53
S38 9	30	S386 ((intersect$3 or overlap$3 or collide or collision) same parent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:53
S38 6	11192	(("HMI") or ((Human adj Machine adj Interface))) or S383	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:52
S39 0	93	S386 ((intersect$3 or overlap$3 or collide or collision) same node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:51
S38 8	2	S386 (intersect$3 or overlap$3 or collide or collision) ((updat$3 with position) same parent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:50
S38 7	2	S386 (intersect$3 or overlap$3 or collide or collision) ((updat$3 with position) same node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:50

S38 4	2	S383 (intersect$3 or overlap$3 or collide or collision) ((updat$3 with position) same node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:49
S38 3	7242	((monitoring or program$4 or controll$3) same ((automation with machine) or (automation with process$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:48
S35 8	231	(("HMI") or ((Human adj Machine adj Interface))) collision	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:48
S38 5	2	ScreenNavNodes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:25
S38 1	2	S365 (intersect$3 or overlap$3 or collide or collision) ((updat$3 with position) same node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:11
S36 5	1499	((monitoring or program$4 or controll$3) with ((automation near2 machine) or (automation near2 process$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:10
S38 2	2	(("HMI") or ((Human adj Machine adj Interface))) (intersect$3 or overlap$3 or collide or collision) ((updat$3 with position) same node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:07

S38 0	34	(intersect$3 or overlap$3 or collide or collision) S365(updat$3 with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:07
S37 9	1	(intersect$3 or overlap$3 or collide or collision) S373 (updat$3 with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:06
S37 7	21	(intersect$3 or overlap$3 or collide or collision) S373	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:05
S37 6	13	S374 overlap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:03

| S37 4 | 102 | ("20040205726" "20040015928" "20040205536" "20040205535" "20040163046" "20050243735" "20050063337" "20050116953" "20050038533" "20040006744" "20040003348" "20040006614" "20040015486" "20040024625" "20060155654" "20040032422" "20040044636" "20040044702" "20040053645" "20040064556" "20040064523" "20040064522" "20040205594" "20040068521" "20040068491" "20040073579" "20040073659" "20040078264" "20050188108" "20040085912" "20040085347" "20040085329" "20040088294" "20040085367" "20040088678" "20040088305" "20040059522" "20040059521" "20040093560" "20040098474" "20060143202" "20040012641" "20040012640" "20040111711" "20040210464" "20040117336" "20040122789" "20040003349" "20040119753" "20040119743" "20040064802" "20040139080" "20040128070" "20040125114" "20040139155" "20050165548" "20040150644" "20040156321" "20040153568" "20040151121" "20040160464" "20040125124" "20040162743" "20050004746" "20040168119" "20040170130" "20040172347" "20040177113" "20040181547" "20040186840" "20040183695" "20040125143" "20040205638" "20040202379" "20040212616" "20040212615" "20040213190" "20040017404" "20040239701" "20040225530" "20040236800" "20040233857" "20040012638" "20040239683" "20040243616" "20040243613" "20050254429" "20040249781" "20040250237" "20040250227" "20060206511" "20040046864" "20060156314" "20040263513" "20040267873" "20040267694" "20040107184" "20040236655" "20050010906" "20050010592" "20040205726" "20050063313" "20040015928" "20040163046" "20050243735" "20050063337" "20050116953" "20050038533" "20040003348" "20040006614" "20040015486" "20040024625" "20060155654" "20040032422" "20050076055" "20040044636" "20040044702" "20040053645" | US-PGPUB | OR | ON | 2006/12/19 17:02 |

| S37 3 | 203 | ("20040205726" "20040015928" "20040205536" "20040205535" "20040163046" "20050243735" "20050063337" "20050116953" "20050038533" "20040006744" "20040003348" "20040006614" "20040015486" "20040024625" "20060155654" "20040032422" "20040044636" "20040044702" "20040053645" "20040064556" "20040064523" "20040064522" "20040205594" "20040068521" "20040068491" "20040073579" "20040073659" "20040078264" "20050188108" "20040085912" "20040085347" "20040085329" "20040088294" "20040085367" "20040088678" "20040088305" "20040059522" "20040059521" "20040093560" "20040098474" "20060143202" "20040012641" "20040012640" "20040111711" "20040210464" "20040117336" "20040122789" "20040003349" "20040119753" "20040119743" "20040064802" "20040139080" "20040128070" "20040125114" "20040139155" "20050165548" "20040150644" "20040156321" "20040153568" "20040151121" "20040160464" "20040125124" "20040162743" "20050004746" "20040168119" "20040170130" "20040172347" "20040177113" "20040181547" "20040186840" "20040183695" "20040125143" "20040205638" "20040202379" "20040212616" "20040212615" "20040213190" "20040017404" "20040239701" "20040225530" "20040236800" "20040233857" "20040012638" "20040239683" "20040243616" "20040243613" "20050254429" "20040249781" "20040250237" "20040250227" "20060206511" "20040046864" "20060156314" "20040263513" "20040267873" "20040267694" "20040107184" "20040236655" "20050010906" "20050010592" "20040205726" "20050063313" "20040015928" "20040163046" "20050243735" "20050063337" "20050116953" "20050038533" "20040003348" "20040006614" "20040015486" "20040024625" "20060155654" "20040032422" "20050076055" "20040044636" "20040044702" "20040053645" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 17:02 |

S37 1	5	S366 tree (parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 17:01
S37 2	20	S365 (parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:32
S37 0	5	S369 (parent with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:32
S36 7	40	S366 tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:31
S36 9	27	S368 parent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:29
S36 8	37	S367 node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:29
S36 6	130	S365 (screens)!	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:27

S36 4		2	(("HMI") or (Human adj Machine adj Interface)) (leaf with parent) ((intersect$3 or overlap$3 or collide or collision) same (leaf or parent or node))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:20
S36 3		7	(("HMI") or ((Human adj Machine adj Interface))) (node with (intersect$3 or overlap$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 16:00
S36 2		6	(("HMI") or ((Human adj Machine adj Interface))) (node near3 (intersect$3 or overlap$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 15:50
S36 1		6	(("HMI") or ((Human adj Machine adj Interface))) (node near (intersect$3 or overlap$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	·ON	2006/12/19 15:43
S36 0		3	(("HMI") or ((Human adj Machine adj Interface))) (collision with node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 13:45
S35 9		2	(("HMI") or ((Human adj Machine adj Interface))) (collision near3 node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 13:45
S35 7		3	(("HMI" with edit$3) or ((Human adj Machine adj Interface) with edit$3)) collision	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON ·	2006/12/19 13:43

EAST Search History

S35 5	79	("HMI" with edit$3) or ((Human adj Machine adj Interface) with edit$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 13:37
S35 4	43	("HMI" with editor) or ((Human adj Machine adj Interface) with editor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 13:20
S35 3	66	(HMI with editor) or ((Human Machine Interface) with editor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 10:29
S35 2	93	(HMI adj editor) or (Human Machine Interface adj editor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 10:28
S22 9	90	(HMI adj editor) or (Human Machine Interface adj editor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/19 10:28
S35 1	15	(US-20020120921-$).did. or (US-6975914-$ or US-6889096-$ or US-6754885-$ or US-6054986-$ or US-4914568-$ or US-5301301-$ or US-6618856-$ or US-5386459-$ or US-6862105-$ or US-5566333-$ or US-5911145-$ or US-7017116-$ or US-6549221-$ or US-6684264-$). did.	US-PGPUB; USPAT	AND	ON	2006/12/19 10:27
S34 2	8	"6055369".pn. "6407758".pn. "5812135".pn. "5911145".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 15:00

S34 8	2	("20020120921").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/22 14:27
S35 0	2	"5911145".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/22 10:54
S21 4	2446	(human-machine adj interface) or (human adj machine adj interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/20 16:12
S30 9	213	(Human adj Machine adj Interface) and editor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 15:28
S34 1	372	715/514.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 15:27
S34 0	1423	700/83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 15:27
S33 9	67	715/726.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 15:27
S33 7	372	715/514.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 15:27

EAST Search History

S33 8	1423	700/83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 13:58
S33 6	626	715/854.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 13:58
S33 5	35	(HMI or (Human adj Machine adj Interface)) and hierarc$10 and leaf obtaining	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 13:57
S33 4	8	(HMI or (Human adj Machine adj Interface)) and hierarc$10 and leaf parent collision	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 13:44
S25 3	362	(HMI or (Human adj Machine adj Interface)) and hierarc$10 and (specification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/15 13:34
S33 3	2	"6421571".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 16:17
S33 2	2	"20020120921".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 16:17
S33 1	4	2002/0120921	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 15:07

EAST Search History

S33 0	2	"6618856".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 15:07
S32 9	56	(HMI or (human-machine adj interface) or (human adj machine adj interface)) adj screen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 15:05
S32 7	167	creat$5 WITH (HMI or (human-machine adj interface) or (human adj machine adj interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 14:26
S32 8	59	S327 and hierarc$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 14:22
S31 9	40	hierarch$9 specification and (HMI or (human-machine adj interface) or (human adj machine adj interface)) SAME link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 12:22
S31 8	305	hierarch$9 specification and (HMI or (human-machine adj interface) or (human adj machine adj interface)) link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 12:22
S31 7	30	hierarch$9 (root adj node) (specification SAME (HMI or ((human-machine adj interface) or (human adj machine adj interface))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 12:19
S31 5	34	S314 and edit$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:40

EAST Search History

S31 4	58	S312 and linking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:40
S31 3	228	S312 and links	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:37
S31 2	354	(Human adj Machine adj Interface) and navigation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:37
S31 1	95	(Human adj Machine adj Interface) and navigating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:37
S30 2	2456	(Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 16:01
S30 7	66	S306 and hierarch$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:56
S30 6	140	S302 node same link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:56
S30 5	439	S302 node link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:54

EAST Search History

S30 4	561	S302 node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:54
S30 1	4	first adj (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:53
S29 8	856	button and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:50
S29 4	17	(second adj screen) and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:49
S29 7	921	700/204.ccls. or 700/15-17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:36
S29 5	714	700/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:36
S29 3	17	second adj screen and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:27
S29 2	117	zoom and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:26

S29 1	10	zoom and HMI adj editor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 14:28
S28 9	18	Specify adj root adj node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 17:22
S28 2	2593	S281 and specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 17:20
S28 5	18	S281 and 715/762.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 17:03
S28 6	3	S284 and 715/762.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:53
S28 4	990	S283 arrangement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:51
S28 3	1960	S282 relationship	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:41
S28 1	4492	hierarch$9 (root adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:37

EAST Search History

S24 2	12	(HMI or (Human adj Machine adj Interface)).ti. and hierarc$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:33
S27 9	70	S278 industrial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:29
S27 8	270	S277 and interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:28
S27 7	276	hierarch$9 (root adj node) editor navigation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:28
S24 0	249	(HMI or (Human adj Machine adj Interface)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:08
S27 4	21	(715/771).ccls. and hierarch$9 root	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:01
S27 3	87	(715/771).ccls. and hierarch$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:01
S27 0	82	(715/771).ccls. and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:40

S24 6	291	(715/771).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:40
S27 2	11	S271 and specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:39
S27 1	18	S270 and root	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:38
S26 8	4	editor hierarch$9 (root adj node) (specification or Specify) SAME (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:36
S26 7	3	editor hierarch$9 (root adj node) (specification or Specify) with (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:35
S26 1	475	(715/762).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:03
S24 8	14	(715/771).ccls. and (715/762).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:03
S25 8	33	providing screen navigation editor hierarch$9 (HMI or (Human adj Machine adj Interface)) screen node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:49

EAST Search History

S25 7	22	providing screen navigation editor linked hierarch$9 HMI screen node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:48
S25 1	362	(HMI or (Human adj Machine adj Interface)) and hierarc$10 and specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:48
S25 6	4	S255 and zoom	US-PGPUB; USPAT	OR	ON	2006/06/05 14:41
S25 5	17	("5042002" "5093794" "5377309" "5398336" "5412756" "5548756" "5787438" "5815539" "5911143" "5920711" "5943675" "6028819" "6081750" "6108662" "6157864" "6161051" "6167406").pn.	US-PGPUB; USPAT	OR	ON	2006/06/05 14:38
S25 4	33	("5042002" "5093794" "5377309" "5398336" "5412756" "5548756" "5787438" "5815539" "5911143" "5920711" "5943675" "6028819" "6081750" "6108662" "6157864" "6161051" "6167406").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:35
S24 3	35	(HMI or (Human adj Machine adj Interface)).ab. and hierarc$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:25
S25 0	6	("5301301" | "5592600" | "6054986" | "6437805" | "6449624" | "6593947").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/05 14:21
S24 9	3	(715/771).ccls. and (715/762).ccls. and hierarch$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:58
S24 7	20	(715/771).ccls. and (715/763).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:57

EAST Search History

S21 8	1419	700/83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:45
S24 4	12	S243 and leaf and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:07
S22 5	3751	(HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 12:17
S23 9	59	((HMI) or (Human adj Machine adj Interface)) and hierarch$7 and zoom$5 and (render or supply or provide or furnish or yield or return or give, or deliver or depict or show or display)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 12:16
S23 7	12	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor)) and hierarch$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 11:45
S23 8	10	S237 and zoom$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 11:30
S23 5	12	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor)) and hierarch$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 11:29
S23 4	5	09/607369	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 17:22

EAST Search History

S23 2	49	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor) or (man adj machine adj interface)) and (user adj screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 17:20
S23 0	14	(HMI adj editor) or (Human adj Machine adj Interface adj editor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 16:44
S22 8	14	HMI adj editor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 16:42
S22 3	67	S222 and (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:40
S22 2	2643	715/854.ccls. or 715/514.ccls. or 700/83.ccls. or 700/20.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:37
S22 1	979	715/854.ccls. or 715/514.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:37
S22 0	625	715/854.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:37
S21 9	369	715/514.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:36

EAST Search History

S21 7	293	700/20.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:33
S21 6	120	S215 and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 13:30
S21 5	351	S214 navigation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 10:46